

## ABSTRACT OF THE DISCLOSURE

A mechanism for providing a mobile node with reliable information for location privacy decisions in connection with an address update process that gives the correspondent node a chance to deduce the location of the mobile node is provided. According to one embodiment of the invention, an indication is given when an address update process needs to be performed for optimizing routing between a mobile node and a correspondent node. In response to the indicating step, the correspondent node may be authenticated, the authentication yielding identity information about the correspondent node. Based on the identity information, a route optimization decision may be made based on whether or not the address update process is to be performed, and the address update process may be carried out depending on the decision.